



[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

data storage system performance optimization

2001

Search

[Advanced Scholar Search](#)

[Scholar Preferences](#)

[Scholar Help](#)

Scholar All articles - [Recent articles](#) Results 1 - 10 of about 1,670 for data storage system performance optimization back-end performance "front end" controller. (0.08 seconds)

[The HP AutoRAID Hierarchical Storage System](#) - [hp.net PDF](#)

J WILKES, R GOLDING, C STAELIN, TIM SULLIVAN - ACM Transactions on Computer Systems, 1996 - [portal.acm.org](#)

... ACM Transactions on Computer Systems, Vol ... as a virtual device inside the array

controller: their storage is freely ... in a LUN must contain valid **data**—if nothing ...

[Cited by 393](#) - [Related articles](#) - [Web Search](#) - [BI Direct](#) - [All 73 versions](#)

[An overview of data warehousing and OLAP technology](#) - [microsoft.com PDF](#)

S Chaudhuri, U Dayal - ACM SIGMOD Record, 1997 - [portal.acm.org](#)

... are inappropriate for decision support **systems** where efficiency ... Having summary **data**

on these parameters can ... update, and upper bounds on **storage** requirements. ...

[Cited by 1410](#) - [Related articles](#) - [Web Search](#) - [BI Direct](#) - [All 64 versions](#)

[Performance analysis of several back-end database architectures](#)

RB Hagmann, D Ferrari - ACM Transactions on Database Systems (TODS), 1986 - [portal.acm.org](#)

... a file **system** write to gain efficiency), lack of fast, stable **storage** (any **data**

that must ... a crash or power failure ACM Transactions on Database Systems, Vol ...

[Cited by 28](#) - [Related articles](#) - [Web Search](#) - [Library Search](#) - [All 6 versions](#)

[Design and performance tradeoffs in clustered video servers](#) - [utexas.edu PDF](#)

R Tewari, R Mukherjee, DM Dias, HM Vin - Multimedia Computing and Systems, 1995, Proceedings of the ..., 1996 - [ieeexplore.ieee.org](#)

... 3 describes an analytical model of the **system**, which is ... or delivery) nodes and (ii)

back-end (or storage) nodes ... **Back-end** nodes store the **data** across their local ...

[Cited by 67](#) - [Related articles](#) - [Web Search](#) - [All 8 versions](#)

[DARP: Java-based data analysis and rapid prototyping environment for distributed high performance ...](#) - [new-ripac.org PDF](#)

E AKARSU, G FOX, T HAUPT - Concurrency: Pract. Exper, 1998 - [doi.wiley.com](#)

... as recommended by the High Performance Debugging Forum[10 ... to integrate the DARP **system**

with other ... such as computational libraries, **data storage systems**, or other ...

[Cited by 16](#) - [Related articles](#) - [Web Search](#) - [BI Direct](#) - [All 7 versions](#)

[Design Challenges for New Application-Specific Processors](#) - [utexas.edu PDF](#)

MF Jacome, G de Veciana - IEEE DESIGN & TEST OF COMPUTERS, 2000 - [doi.ieeecs.org](#)

... well as internal **data storage** requirements (ie ... datapath and memory **system** configurations

are ... machine-independent" powerful **performance-enhancing** transformations ...

[Cited by 56](#) - [Related articles](#) - [Web Search](#) - [BI Direct](#) - [All 14 versions](#)

[Empirical performance evaluation of concurrency and coherency control protocols for database sharing ...](#) - [uni-leipzig.de PDF](#)

E Rahm - ACM Transactions on Database Systems (TODS), 1993 - [portal.acm.org](#)

... these problems, since no physical **data** allocation needs ... message-oriented **storage**

devices that communicate with ... both approaches in a locally distributed **system**, ...

[Cited by 52](#) - [Related articles](#) - [Web Search](#) - [BI Direct](#) - [All 5 versions](#)

[Demand-driven service differentiation in cluster-based network servers](#) - [ncsu.edu.tw \(PDF\)](#)

H Zhu, H Tang, T Yang - INFOCOM 2001. Twentieth Annual Joint Conference of the IEEE ... 2001 - [ieeexplore.ieee.org](#)

... as architecture design and performance optimization [1], [2] ... Section V reports our

performance studies. ... re-side in some data storage systems directly attached ...

[Cited by 107](#) - [Related articles](#) - [Web Search](#) - [All 12 versions](#)

[RAID controller system utilizing front end and back end caching systems including communication path ...](#)

RS Mason Jr - US Patent 5,884,098, 1999 - [freepatentsonline.com](#)

... Variations of this basic system are possible, and contemplated ... 3 is a data storage

map illustrating an example RAID ... 5 data set including three data disks and ...

[Cited by 17](#) - [Related articles](#) - [Web Search](#) - [All 2 versions](#)

[DMA controller of a RAID storage controller with integrated XOR parity computation capability ...](#)

BK Herbert - US Patent 6,151,641, 2000 - [freepatentsonline.com](#)

... request to optimize data retrieval and data storage to disk ... transfers the reconstructed

data to the host system. ... performed in parallel with the data transfer at ...

[Cited by 18](#) - [Related articles](#) - [Web Search](#) - [All 3 versions](#)

Key authors: [S Chaudhuri](#) - [J Han](#) - [U Dayal](#) - [M Kamber](#) - [J Wilkes](#)

Google

Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

data storage system performance o

Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2008 Google